

l <sub>1</sub>	d <sub>1</sub>	d <sub>2</sub>	l <sub>2</sub> In clamping position								b	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	h Stroke at 90° lever movement	l <sub>3</sub> In clamping position	l <sub>4</sub> Adjustable range	l <sub>5</sub> In clamping position	t Useable thread length
44	M 4	M 4	12	16	20	25	30	-	-	12	12	15	14	0,5	13,2	2	2,2	8	
44	M 5	M 5	12	16	20	25	30	35	40	12	12	15	14	0,5	13,2	2	2,2	8	
63	M 5	M 5	16	20	25	30	35	40	50	16	16	19	18,5	0,75	16,3	2,5	3	10	
63	M 6	M 6	16	20	25	30	35	40	50	16	16	19	18,5	0,75	16,3	2,5	3	10	
82	M 6	M 6	20	25	30	35	40	50	60	20	20	25	22,5	1	19,5	3	3,7	12	
82	M 8	M 8	20	25	30	35	40	50	60	20	20	25	22,5	1	19,5	3	3,7	12	
101	M 8	M 8	20	25	30	35	40	50	60	25	26	30	27	1,5	25,3	4	4,8	15	
101	M 10	M 10	20	25	30	35	40	50	60	25	26	30	27	1,5	25,3	4	4,8	15	

Specification

Lever

Steel-precision casting

Zinc plated, blue passivated

Z

Axis

Stainless steel AISI 303

Chemically nickel plated

Lag nut / Lag screw

Steel

Zinc plated, blue passivated

Setting nut for type A

Steel

Zinc plated, blue passivated

Contact plate

Steel

• Zinc flake coated

• Case-hardened

RoHS

On request

• Clamping surface free of grease

• Other finishes

Clamping levers with eccentrical cam GN 927.2 are used for rapid clamping and releasing. Contrary to a clamping operation via a thread, these levers permit torque-free clamping.

The lever has been designed to ensure that its movement cannot exceed the max. clamping force. There are no loose components since they are all assembled and mounted in their correct order.

To achieve maximum clamping forces, the clamping surface is lightly greased and should be relubricated as required.

Type A has the following advantages:

The distance between the eccentrical cam and the contact surface is adjustable by means of a fine threaded setting nut. This allows the max. clamping force to be set by a simple adjustment. In addition, this also allows the choice of the preferred lever position in relation to the clamping lever pin.

Technical Information

Page

Constructional Features (Type A) / Application Examples

QVX

Clamping and Manual Forces in Clamping Levers with Eccentrical Cam

QVX

How to order (with Internal thread)

1 l<sub>1</sub>

2 d<sub>1</sub>

4 Type

5 Finish

GN927.2-101-M8-B-Z

How to order (with Screw)

1 l<sub>1</sub>

2 d<sub>2</sub>

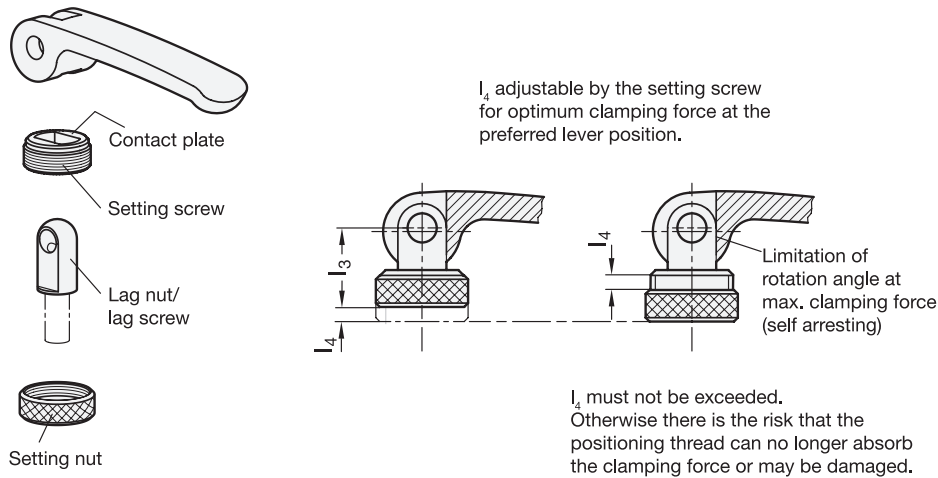
3 l<sub>2</sub>

4 Type

5 Finish

GN927.2-44-M5-30-A-Z

**Constructional features (Type A)**



**Application examples**

